

Datasheet for ABIN5608174

**Rabbit anti-Mouse IgA (Heavy Chain) Antibody (Biotin) -
Preadsorbed**[Go to Product page](#)**2** Publications

Overview

Quantity:	1 mg
Target:	IgA
Binding Specificity:	Heavy Chain
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Biotin
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Mouse IgA alpha heavy chain
Isotype:	IgG
Purification:	Preadsorption: Solid phase absorption

Target Details

Target:	IgA
Abstract:	IgA Products
Target Type:	Antibody
Background:	Synonyms: Rabbit Anti-Mouse IgA (alpha chain) biotin conjugated Antibody, Rabbit Anti-Mouse IgA alpha chain Antibody biotin conjugation

Target Details

Background: Anti-Monkey IgA Antibody generated in rabbit detects immunoglobulin A alpha chain from monkey. Immunoglobulin A (IgA) is an antibody that plays a critical role in mucosal immunity. IgA has two subclasses (IgA1 and IgA2) and can exist in a dimeric form called secretory IgA (sIgA). Secondary Antibodies are available in a variety of formats and conjugate types. When choosing a secondary antibody product, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment composition. This Anti-Monkey IgA is conjugated to biotin.

Application Details

Application Notes: Immunohistochemistry Dilution: 1:1,000 - 1:5,000
Application Note: Anti-Monkey IgA antibody is suitable for use in ELISA, immunohistochemistry, and western blotting. Specific conditions for other applications should be optimized by the end user.
ELISA Dilution: 1:20,000 - 1:100,000
Western Blot Dilution: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitution Volume: 1.0 mL
Reconstitution Buffer: Restore with deionized water (or equivalent)

Concentration: 1.0 mg/mL

Buffer: Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Preservative: 0.01 % (w/v) Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: RT, 4 °C, -20 °C

Storage Comment: Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after

Handling

standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiry Date: 12 months

Publications

Product cited in: Judd, Bredin, Kalantzis, Jenkins, Ernst, Giraud: "STAT3 activation regulates growth, inflammation, and vascularization in a mouse model of gastric tumorigenesis." in: **Gastroenterology**, Vol. 131, Issue 4, pp. 1073-85, (2006) ([PubMed](#)).

Howlett, Judd, Jenkins, La Gruta, Grail, Ernst, Giraud: "Differential regulation of gastric tumor growth by cytokines that signal exclusively through the coreceptor gp130." in: **Gastroenterology**, Vol. 129, Issue 3, pp. 1005-18, (2005) ([PubMed](#)).